



# COMMONWEALTH of VIRGINIA



DAVID S. EKERN, P.E.  
COMMISSIONER

## DEPARTMENT OF TRANSPORTATION

14685 Avion Parkway  
Chantilly, VA 20151  
(703) 383-VDOT (8368)

September 21, 2007

Mr. Marchant Schneider  
County of Loudoun  
Department of Planning  
1 Harrison Street, S.E.  
P.O. Box 7000  
Leesburg, Virginia 20177-7000

Re: Route 50 Medical Campus  
(1<sup>st</sup> Submission)  
Loudoun County Application Number SPEX 2007-0021

Dear Mr. Schneider:

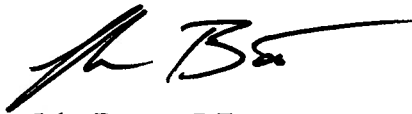
We have reviewed the above noted application as requested in your August 13, 2007 transmittal. We offer the following comments:

1. Please provide draft approval conditions to this office for review.
2. Approval of this application is contingent upon the approval of ZMAP 2006-0007 Glascock Field at Stone Ridge.
3. Applicant should dedicate right of way and construct Route 50 frontage improvements consistent with one-half of the ultimate typical section (R6M) as specified in the Loudoun *Countywide Transportation Plan (CTP)*.
4. Related to comment # 3: Improvements at the Route 50 intersections of Stone Springs Boulevard Extended and at Road B are to be made by this applicant such that the intersections operate at acceptable levels of service (LOS).
5. The applicant should provide a pro-rata monetary contribution to be applied towards area transportation improvements.

6. The applicant should proffer specific transportation improvements as identified on pp. 42 – 46 of the Traffic Impact Study (TIA) entitled “Glascock Field at Stone Ridge” by Wells & Associates, LLC dated March 10, 2006.
7. Related to comment # 6: The applicant should construct the transportation improvements specified in the background conditions of the TIA.
8. Has design been submitted/approved for the ultimate planned interchange at Route 50/West Spine Road?
9. Related to comment # 8: This applicant should dedicate any necessary right of way and provide monetary contribution towards design/construction of the cited interchange.
10. Has design been submitted/approved for the ultimate planned interchange at Route 50/Stone Springs Boulevard?
11. Related to comment # 10: This applicant should dedicate any necessary right of way and provide monetary contribution towards design/construction of the cited interchange.
12. The north-south traffic volume on Gum Springs Road, Route 659 is significant. This roadway should not be abandoned or terminated until an adequate replacement facility is in place.
13. All costs associated with traffic signals (or signal modifications) warranted by this development are to be the responsibility of the applicant including warrant analyses, design and installation of any signals warranted at this site’s entrances and/or contiguous intersections.
14. Applicant should provide exclusive turn lanes into all site entrances.
15. Is the northernmost entrance located within the influence area of the Stone Springs Boulevard Extended/Future Road B intersection? If so, the entrance should be relocated so that it will not interfere with intersection operations.
16. It would be helpful to show proposed roadway typical sections on the plan.

If you have any questions, please call me at (703) 383-2061.

Sincerely,

A handwritten signature in black ink, appearing to read "JB", with a long horizontal stroke extending to the right.

John Bassett, P.E.  
Transportation Engineer

cc: Imad Salous, P. E.